

OPINIONS AND DECLARATIONS
RENDERED BY THE INTER-
NATIONAL COMMISSION ON
ZOOLOGICAL NOMENCLATURE

Edited by

FRANCIS HEMMING, C.M.G., C.B.E.

Secretary to the Commission

VOLUME 16. Part 21. Pp. 353—364

OPINION 478

Validation under the Plenary Powers of the generic name *Polycitor* [Renier], [1804], and of the specific name *crystallinus* [Renier], [1804], as used by the foregoing author in the combination *Polycitor crystallinus* (Class Urochorda) (*Opinion* supplementary to *Opinion* 427)

LONDON :

Printed by Order of the International Trust for
Zoological Nomenclature

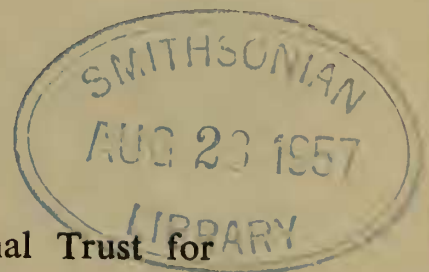
and

Sold on behalf of the International Commission on Zoological
Nomenclature by the International Trust at its Publications Office
41, Queen's Gate, London, S.W.7

1957

Price Eight Shillings

(*All rights reserved*)



INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN OPINION 478

A. The Officers of the Commission

Honorary Life President : Dr. Karl JORDAN (*British Museum (Natural History), Zoological Museum, Tring, Herts., England*)

President : Professor James Chester BRADLEY (*Cornell University, Ithaca, N.Y., U.S.A.*) (12th August 1953)

Vice-President : Senhor Dr. Afranio do AMARAL (*Sao Paulo, Brazil*) (12th August 1953)

Secretary : Mr. Francis HEMMING (*London, England*) (27th July 1948)

B. The Members of the Commission

(*Arranged in order of precedence by reference to date of election or of most recent re-election, as prescribed by the International Congress of Zoology*)

Professor H. BOSCHMA (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (1st January 1947)

Senor Dr. Angel CABRERA (*La Plata, Argentina*) (27th July 1948)

Mr. Francis HEMMING (*London, England*) (27th July 1948) (*Secretary*)

Dr. Henning LEMCHE (*Universitetets Zoologiske Museum, Copenhagen, Denmark*) (27th July 1948)

Professor Teiso ESAKI (*Kyushu University, Fukuoka, Japan*) (17th April 1950)

Professor Pierre BONNET (*Université de Toulouse, France*) (9th June 1950)

Mr. Norman Denbigh RILEY (*British Museum (Natural History), London*) (9th June 1950)

Professor Tadeusz JACZEWSKI (*Institute of Zoology, Polish Academy of Sciences, Warsaw, Poland*) (15th June 1950)

Professor Robert MERTENS (*Natur-Museum u. Forschungs-Institut Senckenberg, Frankfurt a.M., Germany*) (5th July 1950)

Professor Erich Martin HERING (*Zoologisches Museum der Humboldt-Universität zu Berlin, Germany*) (5th July 1950)

Senhor Dr. Afranio do AMARAL (*S. Paulo, Brazil*) (12th August 1953) (*Vice-President*)

Professor J. R. DYMOND (*University of Toronto, Toronto, Canada*) (12th August 1953)

Professor J. Chester BRADLEY (*Cornell University, Ithaca, N. Y., U.S.A.*) (12th August 1953) (*President*)

Professor Harold E. VOKES (*University of Tulane, Department of Geology, New Orleans, Louisiana, U.S.A.*) (12th August 1953)

Professor Béla HANKÓ (*Mezőgazdasági Múzeum, Budapest, Hungary*) (12th August 1953)

Dr. Norman R. STOLL (*Rockefeller Institute for Medical Research, New York, N. Y., U.S.A.*) (12th August 1953)

Mr. P. C. SYLVESTER-BRADLEY (*Sheffield University, Sheffield, England*) (12th August 1953)

Dr. L. B. HOLTHUIS (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (12th August 1953)

Dr. K. H. L. KEY (*Commonwealth Scientific and Industrial Research Organisation, Canberra, A.C.T., Australia*) (15th October 1954)

Dr. Alden H. MILLER (*Museum of Vertebrate Zoology, University of California, U.S.A.*) (29th October 1954)

Doc. Dr. Ferdinand PRANTL (*Národní Museum V Praze, Prague, Czechoslovakia*) (30th October 1954)

Professor Dr. Wilhelm KÜHNELT (*Zoologisches Institut der Universität, Vienna, Austria*) (6th November 1954)

Professor F. S. BODENHEIMER (*The Hebrew University, Jerusalem, Israel*) (11th November 1954)

Professor Ernst MAYR (*Museum of Comparative Zoology at Harvard College, Cambridge, Massachusetts, U.S.A.*) (4th December 1954)

Professor Enrico TORTONESE (*Museo di Storia Naturale "G. Doria," Genova, Italy*) (16th December 1954)

OPINION 478

VALIDATION UNDER THE PLENARY POWERS OF THE
GENERIC NAME "POLYCITOR" [RENIER], [1804],
AND OF THE SPECIFIC NAME "CRYSTALLINUS"
[RENIER], [1804], AS USED BY THE FOREGOING
AUTHOR IN THE COMBINATION "POLYCITOR
CRYSTALLINUS" (CLASS UROCHORDA)
("OPINION" SUPPLEMENTARY TO
"OPINION" 427)

RULING :—(1) The following action is hereby taken
under the Plenary Powers :—

- (a) The under-mentioned names which first appeared
in the work *Prospetto della Classe dei Vermi*
written by Renier (S.A.) and commonly attributed
to the year 1804 are hereby validated as from the
above work and date :—
- (i) the generic name *Polycitor* [Renier (S.A.)],
[1804] ;
- (ii) the specific name *crystallinus* [Renier], [1804],
as used by that author in the combination
Polycitor crystallinus ;
- (b) The nominal species *Polycitor crystallinus* [Renier],
[1804], as validated under the Plenary Powers in
(1)(a)(ii) above, is hereby designated as the type
species of the nominal genus *Polycitor* [Renier],
[1804], as validated under the Plenary Powers in
(1)(a)(i) above.

(2) The under-mentioned generic name is hereby placed on the *Official List of Generic Names in Zoology* with the Name No. 1203 :—

Polycitor [Renier (S.A.)], [1804], as validated under the Plenary Powers in (1)(a)(i) above (gender : masculine) (type species, by designation under the Plenary Powers in (1)(b) above : *Polycitor crystallinus* [Renier (S.A.)], [1804], as validated under the Plenary Powers in (1)(a)(ii) above) (Class Urochorda).

(3) The under-mentioned specific name is hereby placed on the *Official List of Specific Names in Zoology* with the Name Number 1361 :—

crystallinus [Renier (S.A.)], [1804], as used by the foregoing author in the combination *Polycitor crystallinus* and as validated under the Plenary Powers in (1)(a)(ii) above (specific name of type species of *Polycitor* [Renier (S.A.)], [1804]).

(4) The under-mentioned family-group name is hereby placed on the *Official List of Family-Group Names in Zoology* with the Name No. 185 :—

POLYCITORIDAE Michaelsen (W.), 1904 (type genus : *Polycitor* [Renier (S.A.)], [1804]).

I. THE STATEMENT OF THE CASE

The present *Opinion* is concerned with the validation under the Plenary Powers of the generic name *Polycitor* [Renier], [1804] (Class Urochorda), one of the four generic names included in Renier's *Prospetto della Classe dei Vermi*, the possible validation of which under the Plenary Powers was reserved for further consideration when by the Ruling given in *Opinion* 427 (1956, *Ops. Decls. int. Comm. zool. Nomencl.* **14** : 281—310) the

International Commission on Zoological Nomenclature rejected the foregoing work as being unavailable for nomenclatorial purposes. The present *Opinion* completes the action called for under the Ruling referred to above, so far as concerns names which first appeared in the *Prospetto*, for of the remaining three names the suggested validation of two (*Discoides*; *Scolixedion*) has since been rejected by the Commission by the Ruling given in *Opinion* 436 (1957, *Ops. Decls. int. Comm. zool. Nomencl.* 15:1—24) while the third (*Cerebratulus*) has been validated under the Plenary Powers by the Ruling given in *Opinion* 477 (the *Opinion* immediately preceding the present *Opinion*). The proposals on which the decision taken in the present *Opinion* are based were submitted to the Commission by the Secretary on 16th November 1956 in the following paper:—

**Proposed validation under the Plenary Powers of the generic name
“ Polycitor ” [Renier], [1804] (Class Urochorda)**

By FRANCIS HEMMING, C.M.G., C.B.E.

(Secretary to the International Commission on Zoological Nomenclature)

The purpose of the present note is to lay before the International Commission on Zoological Nomenclature particulars regarding the second of the two names which appeared in Renier's *Prospetto della Classe dei Vermi* which, it will be recalled from the paper Z.N.(S.) 1091, issued on 16th May, 1956, in connection with Voting Paper V.P.(O.M.) (56)8,¹ has been reserved for possible validation under the Plenary Powers. (The other name involved was *Cerebratulus* [Renier], [1804], on which proposals have recently been submitted to the Commission in a paper numbered Z.N.(S.) 1095 issued with Voting Paper V.P.(O.M.)(56)25²).

2. The Commission will remember that the name *Polycitor* [Renier] was one of the four names which first appeared in Renier's *Prospetto* and which, in her application Z.N.(S.) 688, Dr. Myra Keen (*Stanford University, Stanford, California, U.S.A.*) recommended should be examined for the purpose of determining whether it was desirable that

¹ The Voting Paper here referred to is that on which the International Commission took the decisions which were later embodied in *Opinion* 436.

² The decision relating to the name *Cerebratulus* [Renier], [1804] taken by the International Commission on this Voting Paper has since been embodied in *Opinion* 477 (published in the immediately preceding Part of the present volume).

it should be validated under the Plenary Powers (Keen, 1954, *Bull. zool. Nomencl.* 9 : 257—262). In the same Part of the *Bulletin* there was published a short note by myself drawing attention to this and to the other three *Prospetto* names expressly mentioned by Dr. Keen, and giving notice of a possible use of the Plenary Powers in these cases (Hemming, 1954, *ibid.* 9 : 263).

3. *Issue of Public Notices* : On the publication of the above papers Public Notice of the possible use by the Commission of its Plenary Powers in the present case was given (a) in the Part of the *Bulletin* in which the above papers appeared, and (b) to the other prescribed serial publications. In addition such Notice was given also to a number of general zoological serial publications.

4. *No objection received* : The publication of the above papers, and the issue of the Public Notices specified above, elicited no objection from any source to the validation of the names now under consideration.

5. As a result of consultations initiated by the Office of the Commission, valuable information in regard to this case has been received from (i) Dr. Henning Lemche (*Universitetets Zoologiske Museum, Copenhagen, Denmark*), and (ii) Dr. R. H. Millar (*Marine Station, Millport, Isle of Cumbrae, Scotland*), to both of whom the grateful thanks of the Commission are due.

6. Dr. Henning Lemche has reported (*in litt.* 27th May 1955) that the genus *Polycitor* [Renier] is the type genus of the subfamily POLYCITORINAE of the Tunicate family CLAVELINIDAE, and that the binomen *Polycitor crystallinus* [Renier] is also in use.

7. Dr. R. H. Millar, with whom the Office of the Commission was kindly placed in touch by Dr. Lemche, has reported (*in litt.* 16th February 1956) as follows :

“ The names *Polycitor* [Renier] and *P. crystallinus* [Renier] are still in current use. The species has recently been reviewed and redescribed by Carlisle (1953, *Proc. zool. Soc. Lond.* vol. 123, pt. 2, pp. 259—265), and there is no doubt, in my opinion, that any change in the generic name would cause confusion. . . . The first occasion on which a name in the family-group level was established on the name *Polycitor* was : Family POLYCITORIDAE Michaelsen, W., 1904, “ Revision der com-

positen Styeliden oder Polyzoinen" (*Jahrb. Wiss. Anst. Hamburg*, vol. 21, pages 2 and 83). On that occasion the name was used in the proper Latinised form".

In a later letter (dated 15th October 1956) Dr. Millar added: "I think that there is a good case for retaining the names *Polycitor* and *Polycitor crystallinus* [Renier], as a good deal of confusion would result from a change".

8. Since at the present time the generic name *Polycitor* [Renier], [1804], possesses no status in nomenclature, the work (Renier's *Prospetto*) in which it appeared having been rejected for nomenclatorial purposes by the Ruling given in the Commission's *Opinion* 316, it will be necessary for the Commission to provide the genus so named with a type species by designating such a species at the same time as the generic name itself is validated. In view of the unanimity on the question of the species which should be accepted as the type species, it is recommended that *Polycitor crystallinus* [Renier], [1804], be designated to be the type species.

9. If the Commission were to decide in favour of validating the name *Polycitor* [Renier], it would be necessary to place that name on the *Official List of Generic Names in Zoology*, and at the same time to place on the *Official List of Specific Names in Zoology* the specific name of its type species. Finally, it would be necessary to place the family-group name POLYCITORIDAE Michaelsen (W.), 1904, on the *Official List of Family-Group Names in Zoology*.

10. The reference both for the generic name *Polycitor* [Renier], [1804], and for the specific name *crystallinus* [Renier], [1804], as used in the combination *Polycitor crystallinus*, is: *Prospetto Class. Verm.* : XVII.

11. In view of the evidence brought forward above as to the current status of the names here under discussion, and also of the complete lack of any opposition to the use of the Plenary Powers in the present case, the following recommendation is submitted for the consideration of the International Commission on Zoological Nomenclature, namely that it should :—

(1) use its Plenary Powers :—

(a) to validate the under-mentioned names as from the work

known as *Prospetto della Classe dei Vermi* written by Renier (S.A.), and commonly attributed to the year 1804 :

(i) the generic name *Polycitor* [Renier], [1804] ;

(ii) the specific name *crystallinus* [Renier], [1804], as used by that author in the combination *Polycitor crystallinus* ;

(b) to designate the nominal species *Polycitor crystallinus* [Renier], [1804], as validated under (1)(a)(ii) above, to be the type species of the nominal genus *Polycitor* [Renier], [1804] ;

(2) place the under-mentioned generic name on the *Official List of Generic Names in Zoology* :—

Polycitor [Renier], [1804], as validated under (1)(a)(i) above (gender : masculine) (type species by designation under the Plenary Powers under (1)(b) above : *Polycitor crystallinus* [Renier], [1804], as validated under the Plenary Powers under (1)(a)(ii) above) ;

(3) place the under-mentioned specific name on the *Official List of Specific Names in Zoology* :—

crystallinus [Renier], [1804], as used by the foregoing author in the combination *Polycitor crystallinus*, and as validated under (1)(a)(ii) above (specific name for the type species *Polycitor* [Renier], [1804]) ;

(4) place the under-mentioned family-group name on the *Official List of Family-Group Names in Zoology* :—

POLYCITORIDAE Michaelsen (W.), 1904 (type genus : *Polycitor* [Renier], [1804]).

POSTSCRIPT : Since writing the above paper, I have received a letter (dated 5th November 1956) from Miss Beryl Brewin (*University of Otago, Department of Zoology, Dunedin, New Zealand*), a specialist in the present group to whom I had applied for advice. Miss Brewin, who has used the name *Polycitor* in her own papers, supports the proposed validation of that name under the Plenary Powers with the *Polycitor crystallinus* [Renier] as type species. She also supports the addition of the family-group name POLYCITORIDAE to the *Official List*.

2. Registration of the present application : Upon the Ruling given in *Opinion 427*, the question of the possible validation under the Plenary Powers of the generic name *Polycitor* [Renier], [1804], was allotted the Registered Number Z.N.(S.) 1096.

II. THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

3. Issue of Voting Paper V.P.(O.M.)(56)28 : On 16th November 1956 a Voting Paper (V.P.(O.M.)(56)28) was issued in which the Members of the Commission were invited to vote either for, or against "the proposal relating to the generic name *Polycitor* [Renier], [1804] (Class Urochoida) and matters connected therewith as recommended in Points (1) to (4) in paragraph 11 of the note numbered Z.N.(S.) 1096 submitted by the Secretary simultaneously with the present Voting Paper" [i.e. in the paragraph numbered as above in the paper reproduced in the first paragraph of the present *Opinion*].

4. The Prescribed Voting Period : As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period was due to close on 16th December 1956, but owing to delays in international mail consequent upon the heavy Christmas traffic the Secretary on 14th December 1956 executed a Minute directing the extension of the Voting Period in the present case by fourteen days, i.e. to 28th December 1956.

5. Particulars of the Voting on Voting Paper V.P.(O.M.)(56)28 : At the close of the Prescribed Voting Period, extended as

explained in paragraph 4 above, the state of the voting on Voting Paper V.P.(O.M.)(56)28 was as follows :—

(a) *Affirmative Votes had been given by the following twenty-four (24) Commissioners (arranged in the order in which Votes were received) :*

Mayr ; Hering ; Vokes ; Lemche ; Esaki ; Kühnelt ;
Holthuis ; Jaczewski ; Tortonese ; Bradley (J.C.) ;
Mertens ; Prantl ; Miller ; Dymond ; Stoll ; Boschma ;
Sylvester-Bradley ; Cabrera ; Bonnet ; Hemming ;
do Amaral ; Key ; Riley ; Bodenheimer ;

(b) *Negative Votes :*

None ;

(c) *Prevented from voting by interruption of postal communications consequent upon political disturbances, one (1) :*

Hankó ;

(d) *Voting Papers not returned :*

None.

6. Declaration of Result of Vote : On 29th December 1956, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.)(56)28, signed a Certificate that the Votes cast were as set out in paragraph 5 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted

and that the decision so taken was the decision of the International Commission in the matter aforesaid.

7. Preparation of the Ruling given in the present "Opinion" :
On 18th April 1957 Mr. Hemming prepared the Ruling given in the present *Opinion* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(O.M.)(56)28.

8. Original References : The following are the original references for the generic and specific names placed on the *Official Lists* for the names of taxa of those categories by the Ruling given in the present *Opinion* :—

crystallinus, *Polycitor*, [Renier (S.A.)], [1804], *Prospetto della Classe dei Vermi* : XVII

Polycitor [Renier (S.A.)], [1804], *Prospetto della Classe dei Vermi* : XVII

9. The following is the original reference for the family-group name placed on the *Official List* for names of taxa of that category by the Ruling given in the present *Opinion* :—

POLYCITORIDAE Michaelsen (W.), 1904, *JahrB. Wiss. Anst. Hamburg* 21 : 2, 83

10. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Opinion* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

11. The present *Opinion* shall be known as *Opinion Four Hundred and Seventy-Eight (478)* of the International Commission on Zoological Nomenclature.

DONE in London, this Eighteenth day of April, Nineteen Hundred and Fifty-Seven.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING